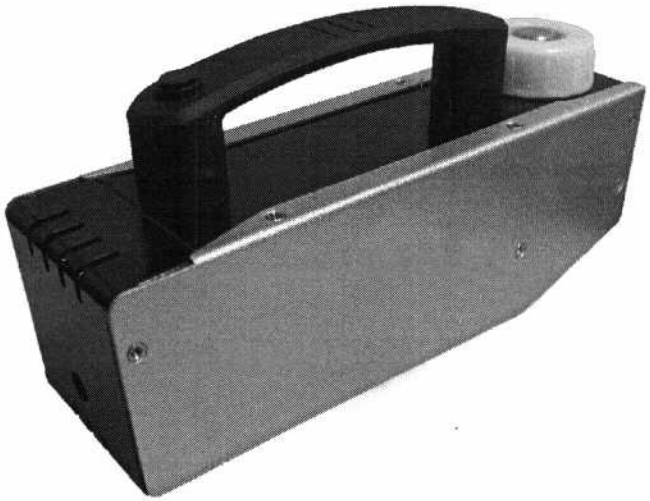
M-1 Mobile Fogger

User Manual

Congratulations on the purchase of your new M-1 Mobile Fog Machine



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RoHS

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Introduction

Thank you for choosing M-1 Mobile Fogger. You now own a sturdy and portable state-of-the-art fog machine. Prior to use, we suggest that you carefully read all of the instructions. By following the suggestions found in this user manual, you can look forward to exceptional performance from your Mobile Fog Machine for years to come.

Please follow these operations, safety and maintenance instructions to ensure a long and safe life for your fog machine.

Specifications

- **Fog Output** : 300 cubic feet / per minute
- **Power Consumption** : 75W
- **Fluid Tank Capacity** : 110 c.c.
- **Battery** : DC12V / 2.3Ah
- **Fluid Consumption** : 2 c.c. / per minute
- **Liquid Used** : FLM-05 Fog Liquid
- **Optional Remote** : MCT-1 (Timer Remote) · MCR-1 (Wireless Remote)
- **Weight:** 1.8kg (M-1 and battery) 5.5kg
- (M-1 with battery, charger, flight case, and 500c.c. liquid)
- **Dimensions (mm):** L 227 W 66 H 81
- **Continuous Fog Output:** 10~12 minutes (Using battery)
  Unlimited (Using dummy battery and power adaptor, as long as sufficient liquids are provided)

CAUTION!

Pay attention to all warning labels and instructions printed on the exterior of your M-1 Fog Machine

Danger of Electric Shock

- Keep this device dry.
- Always remove the battery or unplug the power adaptor to your M-1 Fog Machine before filling the liquid tank.
- Keep fog machine upright.
- Remove the battery or unplug the power adaptor when not in use.

- This machine is not waterproof or splash proof. If moisture, water, or fog liquid gets inside the housing, immediately remove power and contact a service technician or your dealer before using it again.
- No user serviceable parts inside. Refer to your dealer or other qualified service personnel.

Danger of Burns

- For adult use only. Fog machine must be installed out of the reach of children. Never leave the unit running unattended.
- Keep nozzle at least 50 cm (20 in.) away from contact with anything while in operation.
- The fog vapor at point of release is under pressure and is extremely hot.
- Never aim the output nozzle directly at people.
- Fog machine output is hot. Avoid coming within 50 cm of the output nozzle during operation.
- Place the fog machine in a well-ventilated area. Never cover the vents on the front of the M-1. Never aim the output nozzle at open flames.
- The output nozzle becomes hot during operation. Keep flammable materials at least 50 cm away from the nozzle.
- Always allow your Fog Machine to cool down before attempting to clean or service it.

Danger of Explosion

- Do not expose the battery to excessive heat, keep away from open flames and do not attempt to remove the case.
- Never add flammable liquids of any kind (oil, gas, perfume) to the fog liquid.
- Use only the high quality, water/glycol based fog liquid that your dealer recommends. (For M-1 only FLM-05) Other fog liquids may generate a poor fog effect, clog the internal components or "spit" fog liquid.
- Always make sure there is sufficient liquid in the fog liquid tank. The fluid level can be monitored via the window at the back of the machine.
- Operating this unit without liquid will cause damage to the pump and the heater.
- If your M-1 MobileFog Machine fails to work properly, discontinue use immediately. Drain all fog liquid from the tank, pack the unit securely (preferably in the original packing material), and return it to your dealer for service.
- Always drain fog liquid from the tank before shipping or transporting this unit.
- Never drink fog liquid. If it is ingested, call a doctor immediately. If fog liquid comes in contact with skin or eyes, rinse thoroughly with water.

Unpacking & Inspection

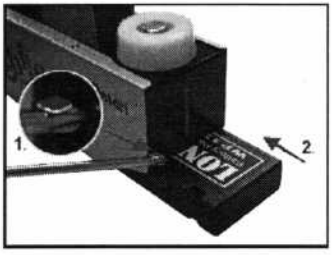
Open the shipping carton and check that all equipment necessary to operate the system has arrived intact. In addition to this user manual, you should receive the following items:

1. M-1 Mobile fogger
2. 12V – 2.3Ah rechargeable battery
3. Rechargeable battery charger
4. 500 cc bottle of fog liquid
5. Briefcase sized Mobile Fogger flight case

- Before beginning initial setup of your M-1 Mobile Fog Machine, make sure that there is no evident damage caused by transportation.
- In the event that the unit's housing or cable is damaged, do not plug it in and do not attempt to use it until after contacting your dealer for assistance.

Setup

- Remove all packing materials from the fog machine. Check that all foam and plastic padding is removed, especially in the nozzle area.
- Fill with Fog Liquid (FLM-05) or dealer recommended high-quality water-based fog fluid. Any other types of fluid can damage the unit. When filled, place cap back on liquid tank.
- Charge the battery. Plug the adaptor into a grounded electrical outlet. Then connect the charging head to the battery. Please note the battery required 8hr charging time on first charge. The battery will be fully charged in approximately 2~3 hrs.
- The charge will last between 10-12 minutes of constant fog output before needing to be re-charged.
- Plug the charged battery into the bottom of the M-1 Mobile Fogger with the label face up.



1. **Lift-up the plate before inserting the battery.**
2. **Make sure the battery is inserted on the right position (see photo)**

- The green light by the front of the handle will flash when the button is first pressed. This indicates the battery has enough charge to power the M-1.
- When the red light starts to flash, the battery needs to be charged. The machine will still be able to fog for a short period of time after the red light begins flashing.

Operation

- To generate smoke, press the button on the front of the M-1 Mobile Fogger's handle.
- There are two operation modes that can be selected for the M-1.

1. **Operation mode 1.** M1 mobile fog machine will start to produce fog if users keep pressing the button on the handle or remote controller. Once the button is released, the machine stops fogging.
2. **Operation mode 2.** Users can make the M1 mobile fog machine produce fog by pressing the button on the handle or remote controller once. To stop fogging, press the button again.

- Use the small switch on the right side of the M-1. The switch is inside the case and is adjusted through the small hole on the side of the case.

- **To select operation mode 1.** Slide the switch towards the back of the M-1 (towards the cap on the liquid tank).
- **To select operation mode 2.** Slide the switch towards the front of the M-1 (towards the nozzle).

- When an optional remote is connected, please see the detailed instructions for their operation below.
- The machine will fo until the battery charge runs down or the M-1 runs out of fog liquid. When the M-1 is connected to the optional power adaptor, carefully monitor the level of the fog liquid to make sure the machine does not run out of liquid. Operating continuously, the machine will run out of liquid in approximately 50 minutes.
- A full battery charge will power the M-1 for a period of 10-12 minutes before needing to be recharged. When using the battery, the charge will run down several times before the fluid needs to be refilled.

Note: There is no warm-up time with the M-1 Mobile Fogger. Unlike most other fog machines, you do not have to wait for the heater to warm-up before fogging.

Installation

- The M-1 Mobile Fogger can be carried in hand or installed in a fixed location as desired.
- Wherever the machine is placed, it is important that fog does not shoot directly at any one's face, at open flames or directly into any heat susceptible material.
- The machine can be held or installed at any angle. After refilling the liquid tank, screw the cap on tightly. Failing to do so will result in leakage if the machine is placed at an angle.

Optional Remote Control Operation

There are two optional remote controls designed for the M-1 Mobile Fogger.

1. MCT-1 Timer Remote Control: This remote control is connected via an 8-meter cord. The duration of the fog blast is set at 10 seconds. The interval is controlled by the dial on the remote and is adjustable between 3 and 220 seconds.

2. MCR-1 Wireless Remote Control: This remote control consists of two components. The transmitter is on a small key chain and has a range of up to 50 meters from the receiver. The receiver connects to the side of the M-1 Mobile Fogger and can attach to the M-1's case via a magnetic strip. Pressing the remote control's button once starts the M-1 fogging. A second press stops the M-1's fog output.

Warning: The battery must be removed and the power adaptor unplugged before connecting or disconnecting either of the remote controls to the M-1 Mobile Fogger.

Caution

- Always monitor tank fluid level as you are fogging. Running a fog machine with no fluid can permanently damage the unit.

Optional Dummy Battery and Power Adaptor Set

Users can purchase the optional dummy battery and power adaptor for M1. (Item Number: DCP-12)

The power adaptor can be used at AC100~240V power outlets.

It can transform AC power into DC12V and power the M-1 by the dummy battery.

Although the mobility of using dummy battery and power adaptor set is not as good as the use of battery due to the limitation of power outlet and cord, it can satisfy the requirement of longer operation time and users do not have to worry power exhaustion problem.

- If you experience low output, pump noise or no output at all, remove the battery immediately. Check fluid level and re-charge the battery. When the liquid tank is full and the battery is charged, plug the battery in and press the button on the handle.

- If the machine is still not working and you are unable to determine the cause of the problem, do not continue pushing the remote button, as this may damage the unit. Do not open the case. There are no user serviceable parts inside. Return the machine to an dealer for service.

- When the M1 mobile fog machine is not in use for more than one hour, the battery must be removed.

  Otherwise, the battery might be out of order.
  When placing the machine into the flight case, please take off the battery first and place the battery separately in the flight case.

- Do not allow the fog liquid to become contaminated. Always replace the caps on the fog liquid container and the fog machine liquid tank immediately after filling.

- It is strongly recommended to recharge or use the battery/mobile fog machine at least ONCE in two to three months. If the battery is left unused for a period of time, the battery will be easily damaged causing it to leak or some other abnormal conditions. The rechargeable battery is designed similarly idea to wireless home telephone battery. Please do not let it discharge (out of power) totally.

- It is normal due to the nature of the lead battery, it will lose its storing power slowly over a period of time. However, when used properly, the lifespan is more than 2 years.

Performance Notes

- All fog machines develop condensation around the output nozzle. Because this may result in some moisture accumulation on the surface below the output nozzle, consider this condensation when installing your unit.

- Fog machines may sputter small amounts of fog occasionally during operation and for a minute or so after being turned off.

- This is normal and is not indicative of a defect.

- After continuous operation, the case of the fog machine will become warm, especially at the front of the machine.

- Take care in handling the machine during and shortly after fogging. Only carry the M-1 Mobile Fogger by the handle and let the machine cool down before packing it in a carrying case.